



82111HEC #5
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Alexandra D. Bermel, et al.

INK JET RECORDING ELEMENT

Serial No. US 09/770,782

Filed 26 January 2001

Group Art Unit: 1774

Examiner: P. Schwartz

I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Carol A. Kukurudza
Carol A. Kukurudza

August 19, 2002
Date

Commissioner for Patents
Washington, D.C. 20231

Sir:

DECLARATION UNDER 37 CFR 1.132

I, Alexandra D. Bermel, make the following declaration:

1. I am one of the inventors in the above-identified application.
- 2 I graduated from the University of Rochester, Rochester, New York, in 1983 with a B. S. in Chemical Engineering and from M.I.T. in Boston MA in 1986 with an M. S. in Chemical Engineering
3. Since 1993 I have worked for Eastman Kodak Company in the field of ink jet inks and media development.
4. I, or someone under my direction and control, did an Experiment the same as Element 1 of above-identified application, except that CEP10AK97006, Cabot Corp. cationic fumed silica, having the particle size listed below, was used instead of fumed alumina, having the particle size listed below, as the porous material. This element was designated as Comparative Element C-5.

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5. I, or someone under my direction and control, did an Experiment similar to Element 3 of the above-identified application, except that Cab-O-Sperse® PG001, Cabot Corp. fumed silica, having the particle size listed below, was used instead of fumed alumina as the porous material and the amount of PVA was increased to 18% from 10% in order to prevent the coating from flaking off the support. This element was designated as Comparative Element C-4.

6. These elements were then tested for dry time the same as the Example in the above-identified application. In addition, gloss results are included for these elements along with Elements 2 and 3 of the invention. The 60° specular gloss was measured using a Gardener® Gloss Meter. The results are given in the following table:

Element	Gloss (60°)	Proportional Dry time (cm)	Particle Size (nm)	
			Primary	Aggregated
3	63	6	20	150-160
2	65	2	20	150-160
C-4	10	0	20	200-300
C-5	24	78	20	200

7. The above results show that the elements of the invention using fumed alumina had both high gloss and a good dry time, as compared to the control elements which had poorer gloss, and in the case of C-5, a poorer dry time.

8. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are

believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

8/19/02
Date

Alexandra D. Bermel
Alexandra D. Bermel

G/decl/Bermel 132 for Docket 82111